

Run on: June 11, 2006, 18:32:52 ; Search time 1129 Seconds
(without alignments)
5514.808 Million cell updates/sec

Title: US-09-989-730-400

Perfect score: 893

Sequence: 1 gtcattccagtcgtctct.....aaaaaaaaaaaaaaaa 893

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0
5244920 segs, 3486124231 residues

Searched: Total number of hits satisfying chosen parameters: 10489840
Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1500 summaries

Database : N_Geneseq_8:*

- 1: geneseqn1980s:*
- 2: geneseqn1990s:*
- 3: geneseqn2000s:*
- 4: geneseqn2001as:*
- 5: geneseqn2001bs:*
- 6: geneseqn2002as:*
- 7: geneseqn2002bs:*
- 8: geneseqn2003as:*
- 9: geneseqn2003bs:*
- 10: geneseqn2003cs:*
- 11: geneseqn2003ds:*
- 12: geneseqn2004as:*
- 13: geneseqn2004bs:*
- 14: geneseqn2005s:*
- 15: geneseqn2006s:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

No.	Score	Match	Length	DB	ID	Description
RESULT 1						
ID	AAZ65101	standard;	CDNA;	893	BP.	
DE	Membrane-bound protein PRO1185	encoding	CDNA.			
PN	WO9963088-A2.					
PD	09-DEC-1999.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score 893;	DB 3;	Length 893;		
Best Local Similarity	100.0%;	Pred. No. 1.2e-182;				
RESULT 2						
ID	AAF44247	standard;	CDNA;	893	BP.	
DE	Human PRO1185 (UNQ599)	nucleotide sequence SEQ ID NO:400.				
PN	WO200073454-A1.					
PD	07-DEC-2000.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score 893;	DB 5;	Length 893;		
Best Local Similarity	100.0%;	Pred. No. 1.2e-182;				
RESULT 3						
ID	ABK40266	standard;	CDNA;	893	BP.	
DE	CDNA encoding human PRO1185 polypeptide.					
PN	WO200153486-A1.					
PD	26-JUL-2001.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score 893;	DB 6;	Length 893;		
Best Local Similarity	100.0%;	Pred. No. 1.2e-182;				
RESULT 4						
ID	ACA64426	standard;	CDNA;	893	BP.	
DE	Novel human secreted and transmembrane protein PRO1185	CDNA.				
PN	US2003003531-A1.					
PD	02-JAN-2003.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score 893;	DB 8;	Length 893;		
Best Local Similarity	100.0%;	Pred. No. 1.2e-182;				
RESULT 5						
ID	ABX80885	standard;	CDNA;	893	BP.	
DE	Human secreted/transmembrane protein CDNA, #161.					
PN	US2003027162-A1.					
PD	06-FEB-2003.					

Query Match	100.0%;	Score 893;	DB 8;	Length 893;		
Best Local Similarity	100.0%;	Pred. No. 1.2e-182;				
RESULT 6						
ID	ACD44394	standard;	CDNA;	893	BP.	
DE	CDNA encoding human PRO1185 polypeptide.					
PN	US2002127576-A1.					
PD	12-SEP-2002.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score 893;	DB 8;	Length 893;		
Best Local Similarity	100.0%;	Pred. No. 1.2e-182;				
RESULT 7						
ID	ABX79565	standard;	CDNA;	893	BP.	
DE	Human secreted/transmembrane protein CDNA, #161.					
PN	US2002142961-A1.					
PD	03-OCT-2002.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score 893;	DB 8;	Length 893;		
Best Local Similarity	100.0%;	Pred. No. 1.2e-182;				
RESULT 8						
ID	ACA93586	standard;	CDNA;	893	BP.	
DE	Novel human secreted and transmembrane protein PRO1185	CDNA.				
PN	US2003022187-A1.					
PD	30-JAN-2003.					
Query Match	100.0%;	Score 893;	DB 8;	Length 893;		
Best Local Similarity	100.0%;	Pred. No. 1.2e-182;				
RESULT 9						
ID	ABX81268	standard;	DNA;	893	BP.	
DE	Novel human secreted or transmembrane protein PRO1345	DNA.				
PN	US2003027985-A1.					
PD	06-FEB-2003.					
Query Match	100.0%;	Score 893;	DB 8;	Length 893;		
Best Local Similarity	100.0%;	Pred. No. 1.2e-182;				
RESULT 10						
ID	ACA93084	standard;	CDNA;	893	BP.	
DE	Novel human secreted and transmembrane protein PRO1185	CDNA.				
PN	US2003017476-A1.					
PD	23-JAN-2003.					
Query Match	100.0%;	Score 893;	DB 8;	Length 893;		
Best Local Similarity	100.0%;	Pred. No. 1.2e-182;				
RESULT 11						
ID	ABX17168	standard;	CDNA;	893	BP.	
DE	Human PRO polynucleotide #125.					
PN	US2002123463-A1.					
PD	05-SEP-2002.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score 893;	DB 8;	Length 893;		
Best Local Similarity	100.0%;	Pred. No. 1.2e-182;				
RESULT 12						
ID	ACA68023	standard;	CDNA;	893	BP.	
DE	Novel human secreted and transmembrane protein PRO1185	CDNA.				
PN	US2002177164-A1.					
PD	28-NOV-2002.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score 893;	DB 9;	Length 893;		
Best Local Similarity	100.0%;	Pred. No. 1.2e-182;				
RESULT 13						
ID	ACA88472	standard;	CDNA;	893	BP.	
DE	Human secreted and transmembrane polypeptide PRO1185	CDNA.				
PN	US2002197615-A1.					
PD	26-DEC-2002.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score 893;	DB 9;	Length 893;		
Best Local Similarity	100.0%;	Pred. No. 1.2e-182;				
RESULT 14						
ID	ACD81979	standard;	CDNA;	893	BP.	
DE	CDNA encoding human PRO1185 polypeptide.					
PN	US2003017981-A1.					
PD	23-JAN-2003.					
Query Match	100.0%;	Score 893;	DB 9;	Length 893;		
Best Local Similarity	100.0%;	Pred. No. 1.2e-182;				
RESULT 15						
ID	ADA37911	standard;	CDNA;	893	BP.	
DE	Human CDNA encoding secreted/transmembrane protein PRO1185.					

PN US2003008297-A1.
PD 09-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 893; DB 9; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 16
ID ADA21597 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane polypeptide PRO1185.
PN US2003054404-A1.
PD 20-MAR-2003.
Query Match 100.0%; Score 893; DB 9; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 17
ID ADA10384 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane protein, PRO1185.
PN US2003059831-A1.
PD 27-MAR-2003.
Query Match 100.0%; Score 893; DB 9; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 18
ID ADA17928 standard; cDNA; 893 BP.
DE cDNA encoding human PRO1185 polypeptide.
PN US2003054987-A1.
PD 20-MAR-2003.
Query Match 100.0%; Score 893; DB 9; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 19
ID ADA28036 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane protein PRO1185.
PN US2003054359-A1.
PD 20-MAR-2003.
Query Match 100.0%; Score 893; DB 9; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 20
ID ADA94616 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane protein PRO1185.
PN US2003059832-A1.
PD 27-MAR-2003.
Query Match 100.0%; Score 893; DB 9; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 21
ID ADA38841 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane protein PRO1185.
PN US2003059780-A1.
PD 27-MAR-2003.
Query Match 100.0%; Score 893; DB 9; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 22
ID ADA92962 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane protein PRO1185.
PN US2003060407-A1.
PD 27-MAR-2003.
Query Match 100.0%; Score 893; DB 9; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 23
ID ACH65540 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane protein PRO1185.
PN US2003044806-A1.
PD 06-MAR-2003.
Query Match 100.0%; Score 893; DB 9; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 24
ID ADA22523 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane polypeptide PRO1185.
PN US2003040473-A1.
PD 27-FEB-2003.
Query Match 100.0%; Score 893; DB 9; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 25
ID ACD39530 standard; cDNA; 893 BP.
DE Human cDNA encoding PRO1345.
PN US2003017982-A1.
PD 23-JAN-2003.

Query Match 100.0%; Score 893; DB 9; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 26
ID ADA06689 standard; cDNA; 893 BP.
DE Human secreted/transmembrane PRO polypeptide cDNA #125.
PN US2003049638-A1.
PD 13-MAR-2003.
Query Match 100.0%; Score 893; DB 9; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 27
ID ADA39382 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane protein PRO1185.
PN US2003059782-A1.
PD 27-MAR-2003.
Query Match 100.0%; Score 893; DB 9; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 28
ID ADB96408 standard; cDNA; 893 BP.
DE Human PRO polynucleotide #125.
PN US2003054403-A1.
PD 20-MAR-2003.
Query Match 100.0%; Score 893; DB 9; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 29
ID ADC57880 standard; cDNA; 893 BP.
DE Human PRO polynucleotide #125.
PN US2003027754-A1.
PD 06-FEB-2003.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 30
ID ADC55244 standard; cDNA; 893 BP.
DE Human PRO polynucleotide #125.
PN US2003045463-A1.
PD 06-MAR-2003.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 31
ID ADC12111 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane protein PRO1185.
PN US2003049681-A1.
PD 13-MAR-2003.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 32
ID ADC56533 standard; cDNA; 893 BP.
DE Human PRO polynucleotide #125.
PN US2003064375-A1.
PD 03-APR-2003.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 33
ID ADC07588 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane protein PRO1185.
PN US2003068647-A1.
PD 10-APR-2003.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 34
ID ADC11578 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane protein PRO1185.
PN US2003069403-A1.
PD 10-APR-2003.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 35
ID ADC14700 standard; cDNA; 893 BP.
DE Novel human secreted and transmembrane protein PRO1185 cDNA.
PN US2003082546-A1.
PD 01-MAY-2003.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 36

ID ADD08232 standard; cDNA; 893 BP.
DE Novel human secreted and transmembrane protein PRO1185 cDNA.
PN US2003068623-A1.
PD 10-APR-2003.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 37
ID ADC82057 standard; cDNA; 893 BP.
DE Human PRO polynucleotide #125.
PN US2003083461-A1.
PD 01-MAY-2003.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 38
ID ADD07699 standard; cDNA; 893 BP.
DE Novel human secreted and transmembrane protein PRO1185 cDNA.
PN US2002193299-A1.
PD 19-DEC-2002.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 39
ID ADC82590 standard; cDNA; 893 BP.
DE Human PRO polynucleotide #125.
PN US2003059833-A1.
PD 27-MAR-2003.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 40
ID ADD08770 standard; cDNA; 893 BP.
DE Novel human secreted and transmembrane protein PRO1185 cDNA.
PN US2003073090-A1.
PD 17-APR-2003.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 41
ID ADD07019 standard; cDNA; 893 BP.
DE Novel human secreted and transmembrane protein PRO1185 cDNA.
PN US2002193300-A1.
PD 19-DEC-2002.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 42
ID ADC83266 standard; cDNA; 893 BP.
DE Human PRO polynucleotide #125.
PN US2003059783-A1.
PD 27-MAR-2003.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 43
ID ADD5373 standard; cDNA; 893 BP.
DE Human PRO polynucleotide #125.
PN US2003077593-A1.
PD 24-APR-2003.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 44
ID ADD56331 standard; cDNA; 893 BP.
DE Human PRO polynucleotide #125.
PN US2003077594-A1.
PD 24-APR-2003.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 45
ID ADD54769 standard; cDNA; 893 BP.
DE Human PRO polynucleotide #125.
PN US2002132253-A1.
PD 19-SEP-2002.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 46

ID ADE26923 standard; cDNA; 893 BP.
DE Novel human secreted and transmembrane protein PRO1185 cDNA.
PN US2003087304-A1.
PD 08-MAY-2003.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 47
ID ADE26390 standard; cDNA; 893 BP.
DE Novel human secreted and transmembrane protein PRO1185 cDNA.
PN US2003087305-A1.
PD 08-MAY-2003.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 48
ID ADF67327 standard; cDNA; 893 BP.
DE Human PRO1185 nucleotide sequence SEQ ID NO:400.
PN US2002198148-A1.
PD 26-DEC-2002.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 49
ID ADI35581 standard; cDNA; 893 BP.
DE Human PRO polynucleotide #125.
PN US2003050457-A1.
PD 13-MAR-2003.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 50
ID ADJ37306 standard; cDNA; 893 BP.
DE Human tumour therapy associated PRO1185 cDNA.
PN US2003211096-A1.
PD 13-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 51
ID ADI00074 standard; cDNA; 893 BP.
DE Novel human secreted and transmembrane protein PRO1185 cDNA.
PN US2003049682-A1.
PD 13-MAR-2003.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 52
ID ABX77969 standard; cDNA; 893 BP.
DE Human PRO polynucleotide #125.
PN US2003027163-A1.
PD 06-FEB-2003.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 53
ID ABX80381 standard; DNA; 893 BP.
DE Novel human secreted or transmembrane protein PRO1345 DNA.
PN US2002132252-A1.
PD 19-SEP-2002.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 54
ID ACA69287 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane protein PRO1185.
PN US2003032023-A1.
PD 13-FEB-2003.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 55
ID ABX90358 standard; cDNA; 893 BP.
DE Human secreted/transmembrane protein cDNA, #161.
PN US2002160384-A1.
PD 31-OCT-2002.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;

RESULT 56
ID ABX64204 standard; cDNA; 893 BP.
DE cDNA encoding human PRO1185 polypeptide.
PN US2002103125-A1.
PD 01-AUG-2002.
PA (GETH) GENENTECH LTD.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 57
ID ADF35526 standard; cDNA; 893 BP.
DE cDNA encoding human PRO1185 polypeptide.
PN US2003194760-A1.
PD 16-OCT-2003.
PA (GETH) GENENTECH LTD.
Query Match 100.0%; Score 893; DB 12; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 58
ID ADG11776 standard; cDNA; 893 BP.
DE cDNA encoding human PRO1185 polypeptide.
PN US2003228655-A1.
PD 11-DEC-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 893; DB 12; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 59
ID ADH19646 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane protein PRO1185.
PN US2003228656-A1.
PD 11-DEC-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 893; DB 12; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 60
ID ADG68230 standard; cDNA; 893 BP.
DE Human PRO polypeptide cDNA #13.
PN US2003170228-A1.
PD 11-SEP-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 893; DB 12; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 61
ID ADH21139 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane protein PRO1185.
PN US2003224358-A1.
PD 04-DEC-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 893; DB 12; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 62
ID ADH20179 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane protein PRO1185.
PN US2003219856-A1.
PD 27-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 893; DB 12; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 63
ID AEA38620 standard; cDNA; 893 BP.
DE Human secreted/transmembrane protein cDNA, #194.
PN US2005112725-A1.
PD 26-MAY-2005.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 893; DB 14; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 64
ID AAH98464 standard; cDNA; 867 BP.
DE Human EST-derived coding sequence SEQ ID NO: 321.
PN WO200154477-A2.
PD 02-AUG-2001.
PA (HYSE-) HYSEQ INC.
Query Match 95.7%; Score 855; DB 4; Length 867;
Best Local Similarity 99.4%; Pred. No. 1.9e-174;
RESULT 65
ID AAH99257 standard; cDNA; 867 BP.
DE Human protein encoding cDNA sequence SEQ ID NO: 92.

PN WO200153455-A2.
PD 26-JUL-2001.
PA (HYSE-) HYSEQ INC.
Query Match 95.7%; Score 855; DB 4; Length 867;
Best Local Similarity 99.4%; Pred. No. 1.9e-174;
RESULT 66
ID ADF90726 standard; DNA; 1397 BP.
DE Human hepatic-fibrosis disease marker SEQ ID 188.
PN JP2003259877-A.
PD 16-SEP-2003.
PA (SUMU) SUMITOMO SEIYAKU KK.
Query Match 95.6%; Score 853.4; DB 10; Length 1397;
Best Local Similarity 99.9%; Pred. No. 4.7e-174;
RESULT 67
ID AAX97680 standard; DNA; 884 BP.
DE Extended human secreted protein coding sequence, SEQ ID NO: 245.
PN WO9931236-A2.
PD 24-JUN-1999.
PA (GEST) GENSET.
Query Match 94.5%; Score 843.6; DB 2; Length 884;
Best Local Similarity 96.1%; Pred. No. 5.4e-172;
RESULT 68
ID ADP18947 standard; cDNA; 884 BP.
DE Human secreted polynucleotide #203.
PN US2004110939-A1.
PD 10-JUN-2004.
PA (GEST) GENSET SA.
Query Match 94.5%; Score 843.6; DB 12; Length 884;
Best Local Similarity 96.1%; Pred. No. 5.4e-172;
RESULT 69
ID ADE77184 standard; cDNA; 875 BP.
DE Human cDNA differentially expressed in a liver disorder #261.
PN US2003108871-A1.
PD 12-JUN-2003.
PA (KASE/) KASER M R.
Query Match 94.4%; Score 843.4; DB 12; Length 875;
Best Local Similarity 99.4%; Pred. No. 5.9e-172;
RESULT 70
ID ADQ84720 standard; cDNA; 812 BP.
DE Human tumour-associated antigenic target (TAT) cDNA sequence #1534.
PN WO2004060270-A2.
PD 22-JUL-2004.
PA (GETH) GENENTECH INC.
PA (WUTD/) WU T D.
PA (ZHOV/) ZHOU Y.
Query Match 90.6%; Score 808.8; DB 12; Length 812;
Best Local Similarity 99.8%; Pred. No. 1.7e-164;
RESULT 71
ID ADA39928 standard; cDNA; 989 BP.
DE Human secreted protein encoding cDNA.
PN WO2002102993-A2.
PD 27-DEC-2002.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 84.5%; Score 754.6; DB 8; Length 989;
Best Local Similarity 88.9%; Pred. No. 8.3e-153;
RESULT 72
ID ADB91189 standard; cDNA; 989 BP.
DE Human secreted protein cDNA #SEQ ID 135.
PN WO2003004622-A2.
PD 16-JAN-2003.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 84.5%; Score 754.6; DB 9; Length 989;
Best Local Similarity 88.9%; Pred. No. 8.3e-153;
RESULT 73
ID ADA56118 standard; DNA; 989 BP.
DE Gene encoding human secreted protein #297.
PN WO2002102994-A2.
PD 27-DEC-2002.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 84.5%; Score 754.6; DB 10; Length 989;
Best Local Similarity 88.9%; Pred. No. 8.3e-153;
RESULT 74
ID AAZ00807 standard; cDNA; 990 BP.

GenCore version 5.1.9
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OM nucleic - nucleic search, using sw model

Run on: June 11, 2006, 18:20:52 ; Search time 309 Seconds
(without alignments)
5407.444 Million cell updates/sec

Title: US-09-989-730-400

Perfect score: 893
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Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 1403666 seqs, 935554401 residues

Total number of hits satisfying chosen parameters: 2807332

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1500 summaries

Database :

Issued Patents_NA: *
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2: /EMC_Celerra_SIDS3/ptodata/2/ina/5_COMB.seq: *
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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	893	100.0	893	3	US-09-991-181-400 Sequence 400, App
2	893	100.0	893	3	US-09-990-444-400 Sequence 400, App
3	893	100.0	893	3	US-09-997-333-400 Sequence 400, App
4	893	100.0	893	3	US-09-992-598-400 Sequence 400, App
5	893	100.0	893	4	US-09-989-735-400 Sequence 400, App
6	893	100.0	893	5	US-09-989-726-400 Sequence 400, App
7	893	100.0	893	5	US-09-997-514-400 Sequence 400, App
8	893	100.0	893	5	US-09-989-728-400 Sequence 400, App
9	893	100.0	893	5	US-09-997-349-400 Sequence 400, App
10	893	100.0	893	5	US-09-997-653-400 Sequence 400, App
11	893	100.0	893	5	US-09-989-293A-400 Sequence 400, App
12	843.4	94.4	875	3	US-09-919-039-349 Sequence 349, App
13	704	78.8	990	3	US-09-369-247-16 Sequence 16, Appl
14	704	78.8	990	3	US-10-062-548-16 Sequence 16, Appl
15	701.4	78.5	907	3	US-09-799-451-35 Sequence 35, Appl
16	528.8	59.2	708	3	US-09-799-451-36 Sequence 36, Appl
17	512.2	57.4	1372	3	US-09-976-594-869 Sequence 869, App
18	142.6	16.0	298	3	US-09-621-976-17767 Sequence 17767, A
19	56.4	6.3	1926	3	US-09-249-585A-2 Sequence 2, Appli
20	56.4	6.3	1926	3	US-09-410-399-3 Sequence 3, Appli
21	56.4	6.3	2580	3	US-09-050-863-2 Sequence 2, Appli
22	56.4	6.3	2580	3	US-09-359-081-2 Sequence 2, Appli
23	56.4	6.3	5452	2	US-09-130-114-1 Sequence 1, Appli

C	24	56.4	6.3	8705	3	US-09-647-344A-14	Sequence 14, Appl
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	26	56.4	6.3	9600	3	US-09-620-925-1	Sequence 1, Appli
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	28	56.4	6.3	10596	2	US-07-885-971-15	Sequence 15, Appl
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	32	56.4	6.3	10596	7	PCT-US93-04648-15	Sequence 15, Appl
	33	56.4	6.3	16080	3	US-09-724-566A-48	Sequence 48, Appl
	34	56.4	6.3	16080	3	US-09-471-669A-48	Sequence 48, Appl
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	36	51.6	5.8	7218	2	US-08-232-463-14	Sequence 14, Appl
	37	51	5.7	141	3	US-09-621-976-8705	Sequence 8705, Ap
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	41	49	5.5	3275	3	US-09-370-838-151	Sequence 151, App
	42	49	5.5	3275	3	US-09-854-133-151	Sequence 151, App
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	45	48.8	5.5	1249	3	US-10-115-123-128	Sequence 128, App
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	54	48.6	5.4	2608	3	US-10-054-988-16	Sequence 16, Appl
	55	48.2	5.4	288	3	US-09-621-976-16096	Sequence 16096, A
	56	48	5.4	184	3	US-09-621-976-12893	Sequence 12893, A
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	76	47	5.3	1525	3	US-10-012-542-110	Sequence 110, App
	77	47	5.3	1525	3	US-10-115-123-110	Sequence 110, App
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	84	46.8	5.2	972	3	US-09-997-333-358	Sequence 358, App
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	88	46.8	5.2	972	5	US-09-997-514-358	Sequence 358, App
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	90	46.8	5.2	972	5	US-09-997-349-358	Sequence 358, App
	91	46.8	5.2	972	5	US-09-997-653-358	Sequence 358, App
	92	46.8	5.2	972	5	US-09-989-293A-358	Sequence 358, App
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114	46.6	5.2	1844	5	US-10-015-519A-83	Sequence 83, Appl
115	46.6	5.2	1844	5	US-10-015-715A-83	Sequence 83, Appl
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160	45.6	5.1	3489	3	US-09-298-568-1	Sequence 1, Appli
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164	45.6	5.1	32207	3	US-08-757-669A-20	Sequence 20, Appl
165	45.6	5.1	32207	3	US-09-230-371A-20	Sequence 20, Appl
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167	45.4	5.1	334	3	US-09-644-460-8	Sequence 8, Appli
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235	44.8	5.0	2060	3	US-09-862-027-5	Sequence 5, Appli
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238	44.8	5.0	2584	3	US-09-716-129-47	Sequence 47, Appl
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240	44.6	5.0	728	3	US-09-091-097-5	Sequence 5, Appli
241	44.6	5.0	728	3	US-10-109-670-3	Sequence 3, Appli
242	44.6	5.0	1472	3	US-09-270-767-14650	Sequence 14650, A

C 92	56.4	6.3	10850	8	U02455	U02455 Cloning vec	165	52.2	5.8	2010	2	BD270044	BD270044 Secreted
C 93	56.4	6.3	10921	2	CQ789558	CQ789658 Sequence	C 166	52.2	5.8	75512	5	AL138882	AL138882 Human DNA
C 94	56.4	6.3	10961	2	CQ789656	CQ789656 Sequence	C 167	52.2	5.8	238811	12	AC098197	AC098197 Rattus no
C 95	56.4	6.3	11006	2	CQ789654	CQ789654 Sequence	168	52	5.8	1712	11	BC065340	BC065340 Danio rer
C 96	56.4	6.3	11059	2	CQ789683	CQ789683 Sequence	169	52	5.8	1958	14	BTU87265	BTU87265 Bos taurus
C 97	56.4	6.3	11200	2	CS188740	CS188740 Sequence	170	52	5.8	2000	2	AX655393	AX655393 Sequence
C 98	56.4	6.3	11687	2	CS188739	CS188739 Sequence	171	52	5.8	2692	6	AY438023	AY438023 Mus muscu
C 99	56.4	6.3	12374	2	CS188738	CS188738 Sequence	172	52	5.8	2699	2	CQ0801991	CQ0801991 Sequence
C 100	56.4	6.3	12802	2	CS188741	CS188741 Sequence	173	52	5.8	2699	6	BC018242	BC018242 Mus muscu
C 101	56.4	6.3	12977	2	CS188737	CS188737 Sequence	174	51.8	5.8	317	2	CO671800	CO671800 Sequence
C 102	56.4	6.3	16080	2	AR404205	AR404205 Sequence	175	51.8	5.8	1065	2	AR448153	AR448153 Sequence
C 103	56.4	6.3	17753	2	CQ790449	CQ790449 Sequence	176	51.8	5.8	1511	11	AF401291	AF401291 Gallus ga
C 104	56.4	6.3	22960	6	AY192024	AY192024 BAC cloni	177	51.8	5.8	4158	11	BC090579	BC090579 Xenopus t
C 105	56.4	6.3	171570	10	AL807807	AL807807 Mouse DNA	178	51.6	5.8	1076	11	BC082639	BC082639 Xenopus t
C 106	56.4	6.3	171657	10	AY961628	AY961628 Human her	179	51.6	5.8	1347	6	BC098184	BC098184 Mus muscu
C 107	56.4	6.3	171823	10	HHV507799	HHV507799 Human her	180	51.6	5.8	2430	5	AK074464	AK074464 Homo sapi
C 108	56.4	6.3	172281	10	EBV	V01555 Epstein-Bar	C 181	51.6	5.8	7218	2	I66494	I66494 Sequence 14
C 109	56.4	6.3	184113	10	HS4B958RAJ	M80517 Epstein-Bar	182	51.6	5.8	75058	11	BX324208	BX324208 Zebrafish
C 110	56.2	6.3	110000	15	CP000088_29	Continuation (30 o	183	51.6	5.8	222905	6	AC102626	AC102626 Mus muscu
C 111	56	6.3	212092	6	AC107828	AC107828 Mus muscu	184	51.6	5.8	225685	12	CT025710	CT025710 Mus muscu
C 112	55.8	6.2	186202	6	AC125319	AC125319 Mus muscu	185	51.4	5.8	1860	5	BC036762	BC036762 Homo sapi
C 113	55.8	6.2	200242	6	CT010565	CT010565 Mouse DNA	186	51.4	5.8	2032	5	AK027204	AK027204 Homo sapi
C 114	55.8	6.2	256158	6	AC118627	AC118627 Mus muscu	187	51.4	5.8	2421	14	BC112771	BC112771 Bos tauru
C 115	55.6	6.2	125020	5	AF429315	AF429315 Homo sapi	188	51.4	5.8	2630	5	AK027086	AK027086 Homo sapi
C 116	55.4	6.2	82400	6	AC090495	AC090495 Genomic s	189	51.4	5.8	2849	5	AK025258	AK025258 Homo sapi
C 117	55.4	6.2	220046	6	AC124587	AC124587 Mus muscu	190	51.4	5.8	167881	12	AC079909	AC079909 Homo sapi
C 118	55	6.2	183474	12	AC153103	AC153103 Sus scrof	191	51.4	5.8	189541	12	AC101785	AC101785 Mus muscu
C 119	54.8	6.1	1481	11	BC084349	BC084349 Xenopus l	192	51.2	5.7	1550	6	BC024556	BC024556 Mus muscu
C 120	54.6	6.1	176486	6	AC162290	AC162290 Mus muscu	193	51.2	5.7	1573	5	BC011186	BC011186 Homo sapi
C 121	54.6	6.1	193168	6	AC102574	AC102574 Mus muscu	194	51.2	5.7	1746	11	BC057744	BC057744 Xenopus l
C 122	54.6	6.1	215745	6	AC117585	AC117585 Mus muscu	195	51.2	5.7	1770	5	BC000677	BC000677 Homo sapi
C 123	54.6	6.1	215819	6	AC158219	AC158219 Mus muscu	196	51.2	5.7	2688	6	BC021912	BC021912 Mus muscu
C 124	54.6	6.1	224985	6	AC160465	AC160465 Mus muscu	197	51.2	5.7	2740	5	BC053595	BC053595 Homo sapi
C 125	54.6	6.1	231023	12	AC102598	AC102598 Mus muscu	198	51.2	5.7	4237	2	BD057918	BD057918 Secreted
C 126	54.2	6.1	125020	5	AF429315	AF429315 Homo sapi	199	51.2	5.7	152842	6	AC156500	AC156500 Mus muscu
C 127	54.2	6.1	261474	12	AC094196	AC094196 Rattus no	C 200	51.2	5.7	157571	6	BX813317	BX813317 Mouse DNA
C 128	54	6.0	194611	6	AC138622	AC138622 Mus muscu	201	51.2	5.7	187758	6	AC165278	AC165278 Mus muscu
C 129	53.8	6.0	692	6	BC082329	BC082329 Mus muscu	202	51.2	5.7	207408	12	AC068618	AC068618 Homo sapi
C 130	53.8	6.0	1519	5	BC031844	BC031844 Homo sapi	203	51	5.7	141	2	AX977902	AX977902 Sequence
C 131	53.8	6.0	163916	6	AC141887	AC141887 Mus muscu	204	51	5.7	141	2	BD112761	BD112761 EST and e
C 132	53.8	6.0	168752	6	AC138118	AC138118 Mus muscu	205	51	5.7	141	2	AR417208	AR417208 Sequence
C 133	53.8	6.0	172457	6	AC102398	AC102398 Mus muscu	206	51	5.7	488	2	CQ527061	CQ527061 Sequence
C 134	53.4	6.0	1444	11	BC061413	BC061413 Xenopus t	207	51	5.7	1260	11	BC066636	BC066636 Danio rer
C 135	53.2	6.0	1665	14	BC102226	BC102226 Bos tauru	208	51	5.7	1778	11	BC080926	BC080926 Xenopus t
C 136	53	5.9	2070	6	BC051437	BC051437 Mus muscu	209	51	5.7	2071	11	BC070021	BC070021 Danio rer
C 137	53	5.9	156787	12	AC034141	AC034141 Homo sapi	210	51	5.7	2091	2	BD176856	BD176856 A method
C 138	52.8	5.9	1405	14	BC103327	BC103327 Bos tauru	211	51	5.7	97839	12	AC141520	AC141520 Rattus no
C 139	52.8	5.9	1561	5	BC042077	BC042077 Homo sapi	C 212	51	5.7	144527	6	AC174642	AC174642 Mus muscu
C 140	52.8	5.9	1755	11	AB117093	AB117093 Cynops en	213	51	5.7	165592	6	AC122020	AC122020 Mus muscu
C 141	52.8	5.9	1795	6	BC009439	BC009439 Homo sapi	C 214	51	5.7	183341	6	AC161039	AC161039 Mus muscu
C 142	52.8	5.9	190884	6	AC154623	AC154623 Mus muscu	C 215	51	5.7	194303	6	AC154296	AC154296 Mus muscu
C 143	52.8	5.9	200574	6	BX005304	BX005304 Mouse DNA	C 216	51	5.7	222820	6	AC161170	AC161170 Mus muscu
C 144	52.8	5.9	224198	12	AC106674	AC106674 Rattus no	C 217	51	5.7	225005	12	AC133418	AC133418 Rattus no
C 145	52.6	5.9	1175	6	BC084577	BC084577 Homo sapi	218	51	5.7	240781	6	AC152062	AC152062 Mus muscu
C 146	52.6	5.9	124244	6	AL929026	AL929026 Mouse DNA	219	51	5.7	240931	12	AC107097	AC107097 Rattus no
C 147	52.6	5.9	160237	12	AC149093	AC149093 Pan trogl	220	50.8	5.7	1487	11	BC084234	BC084234 Xenopus l
C 148	52.6	5.9	161309	5	AC100839	AC100839 Homo sapi	221	50.8	5.7	2270	5	HSM802322	HSM802322 Homo sapi
C 149	52.6	5.9	168884	6	AC159106	AC159106 Mus muscu	222	50.8	5.7	144576	5	AC141057	AC141057 Homo sapi
C 150	52.6	5.9	178620	6	AC121865	AC121865 Mus muscu	C 223	50.8	5.7	144577	5	AC023824	AC023824 Homo sapi
C 151	52.6	5.9	186404	6	AC169630	AC169630 Mus muscu	224	50.8	5.7	156351	5	AC092133	AC092133 Homo sapi
C 152	52.6	5.9	194387	6	AC105989	AC105989 Mus muscu	C 225	50.8	5.7	157092	6	AL805911	AL805911 Mouse DNA
C 153	52.6	5.9	201535	6	AC116769	AC116769 Mus muscu	226	50.8	5.7	159610	12	AC012137	AC012137 Homo sapi
C 154	52.6	5.9	203950	6	AC163638	AC163638 Mus muscu	227	50.8	5.7	161641	5	AC109464	AC109464 Homo sapi
C 155	52.6	5.9	230387	12	AC051622	AC051622 Mus muscu	C 228	50.8	5.7	182209	5	AL357060	AL357060 Human DNA
C 156	52.4	5.9	1840	11	BC074643	BC074643 Xenopus t	229	50.8	5.7	184521	5	AC164661	AC164661 Pan trogl
C 157	52.4	5.9	2654	6	BC051254	BC051254 Mus muscu	C 230	50.8	5.7	190584	12	AC148540	AC148540 Pan trogl
C 158	52.4	5.9	165197	6	HSAC002070	HSAC002070 Human BAC	C 231	50.8	5.7	203879	12	AC160921	AC160921 Salmiri b
C 159	52.4	5.9	177100	12	AC112388	AC112388 Rattus no	C 232	50.8	5.7	214480	5	AC125394	AC125394 Pan trogl
C 160	52.4	5.9	178933	5	AL591479	AL591479 Human DNA	C 233	50.8	5.7	237913	12	AC094676	AC094676 Rattus no
C 161	52.4	5.9	246774	12	AC095078	AC095078 Rattus no	C 234	50.8	5.7	276049	12	AC091414	AC091414 Rattus no
C 162	52.4	5.9	259720	12	AC094497	AC094497 Rattus no	C 235	50.6	5.7	436	2	CQ503829	CQ503829 Sequence
C 163	52.2	5.8	780	6	BC083141	BC083141 Mus muscu	C 236	50.6	5.7	775	2	CQ512635	CQ512635 Sequence
C 164	52.2	5.8	1764	5	AK025426	AK025426 Homo sapi	237	50.6	5.7		14	BC103417	BC103417 Bos tauru

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OM nucleic - nucleic search, using sw model

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Listing first 1500 summaries

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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
27	893	100.0	893	3	US-09-997-428-400 Sequence 400, App
72	893	100.0	893	7	US-10-210-951-25 Sequence 25, Appl
73	893	100.0	893	7	US-10-211-884-25 Sequence 25, Appl
74	893	100.0	893	7	US-10-211-858-25 Sequence 25, Appl
76	893	100.0	893	10	US-10-950-374-400 Sequence 400, App
77	855	95.7	867	8	US-10-296-115-92 Sequence 92, Appl
78	843.6	94.5	884	3	US-09-978-360A-203 Sequence 203, App
79	843.6	94.5	884	5	US-09-978-360A-203 Sequence 203, App
80	843.4	94.4	875	3	US-09-919-039-349 Sequence 349, App
81	704	78.8	990	6	US-10-062-548-16 Sequence 16, Appl
82	704	78.8	990	9	US-10-918-446-16 Sequence 16, Appl
83	704	78.8	990	13	US-11-002-755-16 Sequence 16, Appl
84	704	78.8	990	13	US-11-002-756-16 Sequence 16, Appl
85	701.4	78.5	707	8	US-10-302-172-35 Sequence 35, Appl
86	673.4	75.4	691	3	US-09-978-360A-102 Sequence 102, App
87	673.4	75.4	691	5	US-09-978-360A-102 Sequence 102, App
88	594.4	66.6	1022	8	US-10-429-160-73 Sequence 73, Appl
89	528.8	59.2	708	8	US-10-302-172-36 Sequence 36, Appl

C 90	302.4	33.9	545	3	US-09-864-761-7973	Sequence 7973, Ap
C 91	266.6	29.9	890	7	US-10-006-285-215	Sequence 215, App
C 92	242.4	27.1	261	3	US-09-864-761-24677	Sequence 24677, A
C 93	231	25.9	555	4	US-09-925-065A-44536	Sequence 44536, A
C 94	231	25.9	555	4	US-09-925-065A-44537	Sequence 44537, A
C 95	231	25.9	555	5	US-09-925-065A-44536	Sequence 44536, A
C 96	231	25.9	555	5	US-09-925-065A-44537	Sequence 44537, A
C 97	231	25.9	555	12	US-10-301-480-145774	Sequence 145774, A
C 98	231	25.9	555	12	US-10-301-480-145775	Sequence 145775, A
C 99	231	25.9	555	12	US-10-301-480-759183	Sequence 759183, A
C 100	231	25.9	555	12	US-10-301-480-759184	Sequence 759184, A
C 101	230.6	25.8	555	4	US-09-925-065A-44534	Sequence 44534, A
C 102	230.6	25.8	555	4	US-09-925-065A-44535	Sequence 44535, A
C 103	230.6	25.8	555	5	US-09-925-065A-44534	Sequence 44534, A
C 104	230.6	25.8	555	5	US-09-925-065A-44535	Sequence 44535, A
C 105	230.6	25.8	555	12	US-10-301-480-145772	Sequence 145772, A
C 106	230.6	25.8	555	12	US-10-301-480-145773	Sequence 145773, A
C 107	230.6	25.8	555	12	US-10-301-480-759181	Sequence 759181, A
C 108	230.6	25.8	555	12	US-10-301-480-759182	Sequence 759182, A
C 109	206	23.1	526	7	US-10-029-386-10140	Sequence 10140, A
C 110	176.6	19.8	287	7	US-10-006-285-89	Sequence 89, Appl
C 111	149.4	16.7	287	9	US-10-425-115-148329	Sequence 148329, A
C 112	112.4	12.6	128	7	US-10-029-386-23840	Sequence 23840, A
C 113	97.2	10.9	368	3	US-09-983-965-4822	Sequence 4822, Ap
C 114	56.4	6.3	387	3	US-09-960-352-3404	Sequence 3404, Ap
C 115	56.4	6.3	1926	7	US-10-294-804-3	Sequence 3
C 116	56.4	6.3	1926	9	US-10-194-046-3	Sequence 3, Appli
C 117	56.4	6.3	8705	6	US-10-291-230-14	Sequence 3, Appli
C 118	56.4	6.3	8705	7	US-10-291-249-14	Sequence 14, Appl
C 119	56.4	6.3	8705	8	US-10-273-678-16	Sequence 14, Appl
C 120	56.4	6.3	9482	10	US-10-888-961-4	Sequence 16, Appl
C 121	56.4	6.3	9600	7	US-10-278-751-1	Sequence 4, Appli
C 122	56.4	6.3	10233	7	US-10-050-898-283	Sequence 1, Appli
C 123	56.4	6.3	10285	7	US-10-050-902-283	Sequence 283, App
C 124	56.4	6.3	10330	8	US-10-656-269-24	Sequence 283, App
C 125	56.4	6.3	10477	8	US-10-656-269-22	Sequence 24, Appl
C 126	56.4	6.3	10516	8	US-10-656-269-20	Sequence 22, Appl
C 127	56.4	6.3	10561	8	US-10-656-269-18	Sequence 20, Appl
C 128	56.4	6.3	10615	8	US-10-656-269-45	Sequence 18, Appl
C 129	56.4	6.3	10774	8	US-10-656-269-21	Sequence 18, Appl
C 130	56.4	6.3	10921	8	US-10-656-269-21	Sequence 45, Appl
C 131	56.4	6.3	10961	8	US-10-656-269-19	Sequence 21, Appl
C 132	56.4	6.3	11006	8	US-10-656-269-17	Sequence 21, Appl
C 133	56.4	6.3	11059	8	US-10-656-269-46	Sequence 19, Appl
C 134	56.4	6.3	11924	8	US-10-678-816-7	Sequence 17, Appl
C 135	56.4	6.3	12242	8	US-10-678-816-6	Sequence 46, Appl
C 136	56.4	6.3	16080	13	US-11-090-866-48	Sequence 6, Appli
C 137	56.4	6.3	16080	13	US-11-089-918-48	Sequence 48, Appl
C 138	56.4	6.3	16080	13	US-11-069-377-48	Sequence 48, Appl
C 139	56.4	6.3	16080	13	US-11-090-872-48	Sequence 48, Appl
C 140	56.4	6.3	16080	13	US-11-090-872-48	Sequence 48, Appl
C 141	56	6.3	517	9	US-10-425-115-53473	Sequence 48, Appl
C 142	55.4	6.2	30191	11	US-10-330-773-631	Sequence 53473, A
C 143	53.6	6.0	316	8	US-10-424-599-39389	Sequence 631, App
C 144	52.8	5.9	1877	6	US-10-007-399-2	Sequence 39389, A
C 145	52.8	5.9	1877	9	US-10-782-695-1	Sequence 2, Appli
C 146	51.8	5.8	235	9	US-10-425-115-17565	Sequence 1, Appli
C 147	51.8	5.8	317	8	US-10-242-535A-16726	Sequence 17565, A
C 148	51.8	5.8	317	8	US-10-242-535A-16726	Sequence 16726, A
C 149	51.8	5.8	805	10	US-10-644-765-36	Sequence 16726, A
C 150	51.8	5.8	940	10	US-10-773-236-49	Sequence 36, Appl
C 151	51.4	5.8	462	3	US-09-918-995-15578	Sequence 49, Appl
C 152	51.2	5.7	2339	7	US-10-264-049-556	Sequence 15578, A
C 153	51.2	5.7	4237	3	US-09-745-763-20	Sequence 556, App
C 154	51	5.7	300	9	US-10-425-115-152075	Sequence 20, Appl
C 155	51	5.7	358	9	US-10-425-115-72032	Sequence 72032, A
C 156	51	5.7	488	7	US-10-357-930-58928	Sequence 58928, A
C 157	51	5.7	2091	8	US-10-172-118-152	Sequence 152, App
C 158	51	5.7	2091	8	US-10-342-887-152	Sequence 152, App
C 159	51	5.7	2091	10	US-10-276-233A-19	Sequence 19, Appl
C 160	50.8	5.7	477	8	US-10-437-963-5721	Sequence 5721, Ap
C 161	50.8	5.7	1836	9	US-10-739-930-3097	Sequence 3097, Ap
C 162	50.6	5.7	436	9	US-10-357-930-35696	Sequence 35696, A

C 163	50.6	5.7	436	9	US-10-357-930-44502	Sequence 44502, A	236	48.8	5.5	461	3	US-09-918-995-15443	Sequence 15443, A
C 164	50.6	5.7	830	9	US-10-357-930-14591	Sequence 14591, A	237	48.8	5.5	601	3	US-09-925-302-225	Sequence 225, App
C 165	50.4	5.6	453	8	US-10-437-963-24050	Sequence 24050, A	238	48.8	5.5	601	3	US-09-925-302-225	Sequence 225, App
C 166	50.2	5.6	190	9	US-10-357-930-56836	Sequence 56836, A	C 239	48.8	5.5	667	9	US-10-425-115-70593	Sequence 70593, A
C 167	50.2	5.6	329	9	US-10-425-115-111746	Sequence 111746, A	240	48.8	5.5	1249	6	US-10-012-542-128	Sequence 128, App
C 168	50.2	5.6	1277	8	US-10-437-963-95579	Sequence 95579, A	241	48.8	5.5	1249	6	US-10-115-123-128	Sequence 128, App
C 169	50.2	5.6	1430	3	US-09-925-300-673	Sequence 673, App	242	48.8	5.5	1249	8	US-10-800-834-128	Sequence 128, App
C 170	50.2	5.6	2036	10	US-10-996-217A-8	Sequence 8, Appl1	C 243	48.8	5.5	1260	6	US-10-012-542-93	Sequence 93, Appl1
C 171	50	5.6	166	8	US-10-242-535A-53823	Sequence 53823, A	C 244	48.8	5.5	1260	6	US-10-115-123-93	Sequence 93, Appl1
C 172	50	5.6	166	8	US-10-085-783A-53823	Sequence 53823, A	C 245	48.8	5.5	1260	8	US-10-800-834-93	Sequence 93, Appl1
C 173	50	5.6	356	10	US-10-773-236-153	Sequence 153, App	246	48.8	5.5	1733	8	US-10-424-599-78400	Sequence 78400, A
C 174	50	5.6	400	7	US-10-282-596-25	Sequence 25, Appl1	247	48.8	5.5	1841	16	US-11-158-212-1	Sequence 1, Appl1
C 175	50	5.6	531	9	US-10-425-115-181362	Sequence 181362, A	248	48.8	5.5	1904	3	US-09-925-301-594	Sequence 594, App
C 176	50	5.6	1400	10	US-10-956-157-7673	Sequence 7673, Ap	249	48.8	5.5	2021	7	US-10-264-049-519	Sequence 519, App
C 177	50	5.6	2155	7	US-10-264-237-884	Sequence 884, App	250	48.8	5.5	2189	9	US-10-425-115-129564	Sequence 129564, A
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C 179	50	5.6	3509	10	US-10-956-157-2438	Sequence 2438, Ap	252	48.8	5.5	2355	16	US-11-072-512-229	Sequence 229, App
C 180	49.8	5.6	392	3	US-09-960-352-13003	Sequence 13003, A	253	48.8	5.5	2608	3	US-09-154-750A-75	Sequence 75, Appl1
C 181	49.8	5.6	979	12	US-10-301-480-576808	Sequence 576808, A	254	48.8	5.5	2608	8	US-10-319-908-4	Sequence 4, Appl1
C 182	49.8	5.6	979	12	US-10-301-480-1190217	Sequence 1190217, A	255	48.8	5.5	2608	8	US-10-755-889-612	Sequence 612, App
C 183	49.8	5.6	1519	9	US-10-425-115-48526	Sequence 48526, A	256	48.8	5.5	2683	10	US-10-756-149-3311	Sequence 3311, Ap
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C 185	49.6	5.6	201	9	US-10-357-930-58283	Sequence 58283, A	258	48.8	5.5	2703	8	US-10-319-908-12	Sequence 12, Appl1
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C 188	49.6	5.6	569	7	US-10-242-515-903	Sequence 903, App	C 261	48.6	5.4	410	9	US-10-425-115-16531	Sequence 16531, A
C 189	49.6	5.6	843	7	US-10-156-761-5578	Sequence 5578, Ap	C 262	48.6	5.4	436	8	US-10-424-599-7496	Sequence 7496, Ap
C 190	49.6	5.6	1614	3	US-09-925-298-178	Sequence 178, App	C 263	48.6	5.4	1073	15	US-11-053-185-15	Sequence 15, Appl1
C 191	49.6	5.6	1614	6	US-10-102-806-178	Sequence 178, App	C 264	48.6	5.4	1384	8	US-10-287-971-97	Sequence 97, Appl1
C 192	49.6	5.6	2227	9	US-10-786-720-29	Sequence 29, Appl1	C 265	48.6	5.4	1597	8	US-10-287-971-99	Sequence 99, Appl1
C 193	49.6	5.6	2227	10	US-10-756-149-244	Sequence 244, App	266	48.6	5.4	2340	8	US-10-433-802-30	Sequence 30, Appl1
C 194	49.6	5.6	2775	6	US-10-161-521A-3	Sequence 3, Appl1	267	48.6	5.4	2608	3	US-09-739-254-16	Sequence 16, Appl1
C 195	49.6	5.6	9025608	7	US-10-156-761-1	Sequence 1, Appl1	268	48.6	5.4	2608	3	US-09-904-615-16	Sequence 16, Appl1
C 196	49.4	5.5	219	9	US-10-357-930-60860	Sequence 60860, A	269	48.6	5.4	2608	6	US-10-054-988-16	Sequence 16, Appl1
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C 199	49.4	5.5	541	4	US-09-925-065A-821830	Sequence 821830, A	C 272	48.6	5.4	10328	7	US-10-311-455-1518	Sequence 1518, Ap
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C 201	49.4	5.5	729	10	US-10-956-157-2836	Sequence 2836, Ap	274	48.4	5.4	527	4	US-09-925-065A-502462	Sequence 502462, A
C 202	49.4	5.5	729	10	US-10-956-157-8071	Sequence 8071, Ap	275	48.4	5.4	527	7	US-10-102-349-1	Sequence 1, Appl1
C 203	49.4	5.5	938	4	US-09-925-065A-76592	Sequence 76592, A	276	48.4	5.4	1428	7	US-10-102-349-1	Sequence 1, Appl1
C 204	49.4	5.5	938	5	US-09-925-065A-76592	Sequence 76592, A	324	48.4	5.4	1759	6	US-10-219-065-5	Sequence 5, Appl1
C 205	49.4	5.5	938	12	US-10-301-480-177831	Sequence 177831, A	386	48.4	5.4	2875	3	US-09-801-220-1	Sequence 9, Appl1
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C 208	49.4	5.5	3039	3	US-09-925-298-238	Sequence 238, App	389	48.2	5.4	553	7	US-10-411-224-30	Sequence 30, Appl1
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C 210	49.2	5.5	358	8	US-10-424-599-52765	Sequence 52765, A	391	48.2	5.4	553	10	US-10-935-290-1	Sequence 1, Appl1
C 211	49.2	5.5	403	3	US-10-425-115-8084	Sequence 8084, Ap	392	48.2	5.4	667	13	US-10-970-493-30	Sequence 34, Appl1
C 212	49.2	5.5	413	3	US-09-918-995-7802	Sequence 7802, Ap	393	48.2	5.4	667	13	US-11-111-953-34	Sequence 34, Appl1
C 213	49.2	5.5	525	9	US-10-425-115-130292	Sequence 130292, A	C 394	48.2	5.4	815	9	US-10-723-860-7151	Sequence 7151, Ap
C 214	49.2	5.5	538	9	US-10-425-115-162326	Sequence 162326, A	395	48.2	5.4	892	9	US-10-425-115-150799	Sequence 985, App
C 215	49.2	5.5	604	3	US-09-925-301-275	Sequence 275, App	396	48.2	5.4	1118	7	US-10-264-237-985	Sequence 150799, A
C 216	49.2	5.5	1755	7	US-10-159-563-266	Sequence 266, App	397	48.2	5.4	2826	10	US-10-362-332-1	Sequence 1, Appl1
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C 218	49.2	5.5	1920	8	US-10-437-963-82408	Sequence 82408, A	C 399	48	5.4	371	3	US-09-770-791-345	Sequence 345, App
C 219	49	5.5	447	9	US-10-425-115-115729	Sequence 115729, A	400	48	5.4	403	9	US-10-425-115-182281	Sequence 182281, A
C 220	49	5.5	834	9	US-10-425-115-21126	Sequence 21126, A	401	48	5.4	465	3	US-09-918-995-11830	Sequence 11830, A
C 221	49	5.5	1280	6	US-10-091-458-23	Sequence 23, Appl1	402	48	5.4	469	3	US-09-918-995-32374	Sequence 32374, A
C 222	49	5.5	1280	7	US-10-411-120-16	Sequence 16, Appl1	C 403	48	5.4	541	10	US-10-956-157-3557	Sequence 3557, Ap
C 223	49	5.5	1280	7	US-10-191-254-23	Sequence 23, Appl1	404	48	5.4	541	10	US-10-956-157-8792	Sequence 8792, Ap
C 224	49	5.5	1663	3	US-09-925-301-449	Sequence 449, App	405	48	5.4	545	6	US-10-106-698-1712	Sequence 1712, Ap
C 225	49	5.5	2211	3	US-09-764-875-139	Sequence 139, App	406	48	5.4	600	10	US-10-956-157-7829	Sequence 7829, Ap
C 226	49	5.5	2322	3	US-09-925-302-257	Sequence 257, App	407	48	5.4	602	9	US-10-956-157-7829	Sequence 283, App
C 227	49	5.5	2322	3	US-09-925-302-257	Sequence 257, App	408	48	5.4	602	15	US-11-077-386-7	Sequence 7, Appl1
C 228	49	5.5	3275	3	US-09-738-973-151	Sequence 151, App	409	48	5.4	672	10	US-10-956-157-143	Sequence 143, App
C 229	49	5.5	3275	3	US-09-854-133-151	Sequence 151, App	410	48	5.4	672	10	US-10-956-157-5378	Sequence 5378, Ap
C 230	49	5.5	3275	6	US-10-144-649A-151	Sequence 151, App	411	48	5.4	995	6	US-10-050-882-34	Sequence 34, Appl1
C 231	49	5.5	3600	10	US-10-887-553A-777	Sequence 777, App	412	48	5.4	995	10	US-10-963-903-34	Sequence 34, Appl1
C 232	49	5.5	11670	7	US-10-240-452-25	Sequence 25, Appl1	413	48	5.4	1466	3	US-09-925-300-531	Sequence 531, App
C 233	48.8	5.5	139	8	US-10-242-535A-20914	Sequence 20914, A	414	48	5.4	1545	9	US-10-425-115-132037	Sequence 132037, A
C 234	48.8	5.5	139	8	US-10-085-783A-20914	Sequence 20914, A	415	48	5.4	1548	9	US-10-751-736-57	Sequence 57, Appl1
C 235	48.8	5.5	445	3	US-09-918-995-32763	Sequence 32763, A	416	48	5.4	2255	10	US-10-956-157-2594	Sequence 2594, Ap

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OM nucleic - nucleic search, using sw model

Run on: June 12, 2006, 18:38:31 ; Search time 5166 Seconds
(without alignments)
9666.272 Million cell updates/sec

Title: US-09-989-730-400

Perfect score: 893

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Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 48236798 seqs, 27959665780 residues

Total number of hits satisfying chosen parameters: 96473596

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1500 summaries

Database :

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7: gb_est8: *
8: gb_est9: *
9: gb_est10: *
10: gb_est11: *
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12: gb_est13: *
13: gb_est14: *
14: gb_est15: *

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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5	563.6	63.1	587	3	BP316755
6	563.4	63.1	672	3	BO002776
7	505.2	56.6	638	1	AV690404
8	470.4	52.7	472	1	AV719284
9	453.6	50.8	682	1	AV720179
10	421.4	47.2	1150	10	DV790663
11	410.8	46.0	414	1	AV656411
12	402.6	45.1	797	5	CK791522
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126	53	5.9	1039	9	DN569898	DN569898	lac49b03.
127	52.8	5.9	176	5	CF380594	CF380594	laf12C06.
128	52.8	5.9	192	5	CF622031	CF622031	qW89f03.x
129	52.8	5.9	229	1	AI269696	AI269696	od09b02.y
130	52.8	5.9	281	8	CV569753	CV569753	AU094277
131	52.8	5.9	296	1	AU094277	AU094277	pb35a07.y
132	52.8	5.9	304	3	BQ666053	BQ666053	485025 MA
133	52.8	5.9	336	2	BI976236	BI976236	AGENCOURT
134	52.8	5.9	349	2	BM545596	BM545596	BovGen_00
135	52.8	5.9	372	8	CO871973	CO871973	144216 MA
136	52.8	5.9	407	4	CB424879	CB424879	WS02530.B
137	52.8	5.9	462	7	BE236422	BE236422	ENTRO71TF
138	52.8	5.9	622	10	DT480810	DT480810	BM269815
139	52.8	5.9	837	11	BH160316	BH160316	BM300558
140	52.6	5.9	158	2	BM269815	BM269815	8ac20f06.
141	52.6	5.9	277	3	BM300558	BM300558	8ac87d12.
142	52.6	5.9	294	2	BI944649	BI944649	415715 MA
143	52.6	5.9	362	2	BI535785	BI535785	415702 MA
144	52.6	5.9	364	2	BI535776	BI535776	nad38d12.
145	52.6	5.9	387	9	DN875258	DN875258	PE009E12
146	52.6	5.9	551	8	CV910070	CV910070	DKF2p686G
147	52.6	5.9	635	4	BX297181	BX297181	Homo Bapi
148	52.6	5.9	638	4	BX489642	BX489642	JGI_CUNI3
149	52.6	5.9	5375	6	CR749525	CR749525	RJB021A12
150	52.4	5.9	181	10	DR888183	DR888183	JGI_CABU5
151	52.4	5.9	231	8	CN227539	CN227539	601234626
152	52.4	5.9	235	10	DT424858	DT424858	qt41e07.x
153	52.4	5.9	262	7	BE532621	BE532621	UI-E-DW1-
154	52.4	5.9	373	7	AM189148	AM189148	IFNh B21
155	52.4	5.9	390	1	AI338212	AI338212	RPCI-11-4
156	52.4	5.9	412	3	BM699921	BM699921	JGI_CABHS
157	52.4	5.9	463	5	CK609197	CK609197	AV740560
158	52.4	5.9	526	11	AQ580937	AQ580937	601234718
159	52.4	5.9	554	10	DT534500	DT534500	BX082058
160	52.4	5.9	561	7	BE532839	BE532839	125614130
161	52.4	5.9	643	7	BE532839	BE532839	DT780532
162	52.4	5.9	786	4	BX082058	BX082058	1af13a04.
163	52.4	5.9	994	10	DT780532	DT780532	lad68e06.
164	52.2	5.8	186	5	CF622081	CF622081	
165	52.2	5.8	186	5	CF805433	CF805433	
166	52.2	5.8	211	2	BG989000	BG989000	MR2-HT116
167	52.2	5.8	278	10	DV862057	DV862057	CRP1789 C
168	52.2	5.8	298	8	CV998687	CV998687	iv59a12.b
169	52.2	5.8	303	5	CK405726	CK405726	AUF IfSpn
170	52.2	5.8	316	7	AW026700	AW026700	wv15h07.x
171	52.2	5.8	375	4	CB053359	CB053359	NISC_g113
172	52.2	5.8	610	8	CV255495	CV255495	WS02011.B
173	52.2	5.8	610	10	DT521969	DT521969	WS02035.B
174	52.2	5.8	634	10	DT844456	DT844456	LB004103.
175	52.2	5.8	1023	7	BF311925	BF311925	601897766
176	52.2	5.8	1057	4	CB572213	CB572213	AGENCOURT
177	52.2	5.8	1080	3	BQ718522	BQ718522	AGENCOURT
178	52.2	5.8	1184	14	CNS017XA	AL108616	Drosophila
179	52	5.8	172	5	CD678871	CD678871	hg01d06.y
180	52	5.8	185	1	AA814691	AA814691	of43e12.b
181	52	5.8	333	4	BX561167	BX561167	BK561167
182	52	5.8	411	5	CF140163	CF140163	UI-HF-CB0
183	52	5.8	430	5	CX455554	CX455554	JGI_XZG56
184	52	5.8	444	8	CR524653	CR524653	DKFZp4701
185	52	5.8	564	9	DN356616	DN356616	LIB3626-0
186	52	5.8	639	9	DN876762	DN876762	nae08e06.
187	52	5.8	833	14	AG529013	AG529013	Mus muscu
188	52	5.8	842	5	CK778465	CK778465	965625 MA
189	52	5.8	860	3	BU946090	BU946090	AGENCOURT
190	52	5.8	937	10	DV921095	DV921095	LB02923.C
191	52	5.8	1055	10	DW616021	DW616021	CLJ290-80
192	52	5.8	1418	7	BE963217	BE963217	601656835
193	52	5.8	268	7	AM411026	AM411026	fh09h08.y
194	51.8	5.8	273	7	BE668651	BE668651	158536 MA
195	51.8	5.8	304	8	CO524877	CO524877	3530.1.16
196	51.8	5.8	419	2	BG550361	BG550361	sad05f09.
197	51.8	5.8	421	8	CV995026	CV995026	IPCGFr3.1
198	51.8	5.8	555	8	CV666551	CV666551	LCPE04EX0
199	51.8	5.8	594	8	CV995026	CV995026	IPCGFr3.1
200	51.8	5.8	663	3	BQ831917	BQ831917	LB61n2012
201	51.8	5.8	704	3	CR422903	CR422903	603181907
202	51.8	5.8	855	2	BI18037	BI18037	603181907
203	51.6	5.8	170	1	AI659297	AI659297	tui0h02.x
204	51.6	5.8	184	1	AI263331	AI263331	qq87g01.x
205	51.6	5.8	202	1	AA617056	AA617056	vi21C06.r
206	51.6	5.8	261	10	DV867244	DV867244	CRP6976 C
207	51.6	5.8	355	4	CB813473	CB813473	AMGNNUC.N
208	51.6	5.8	356	4	BI682387	BI682387	wc52f01.x
209	51.6	5.8	369	1	AI682387	AI682387	se86e08.y
210	51.6	5.8	373	7	AM131065	AM131065	xf57a02.x
211	51.6	5.8	397	8	CO896279	CO896279	BovGen_24
212	51.6	5.8	405	5	CK626288	CK626288	mj20C01.y
213	51.6	5.8	481	8	CX200884	CX200884	MNS01973
214	51.6	5.8	499	1	AI977440	AI977440	EST272034
215	51.6	5.8	502	9	CV799643	CV799643	JGI_CAAJ1
216	51.6	5.8	515	9	DN880081	DN880081	nae31g05.
217	51.6	5.8	517	5	CF321418	CF321418	HD--12-K1
218	51.6	5.8	537	4	CA722813	CA722813	wdb1c.pk0
219	51.6	5.8	538	3	BQ397543	BQ397543	NISC_ng28
220	51.6	5.8	558	3	BQ388769	BQ388769	NISC_mq03
221	51.6	5.8	611	6	AB225597	AB225597	Aspergill1
222	51.6	5.8	648	9	CX983913	CX983913	JGI_CAP1
223	51.6	5.8	719	10	DV794393	DV794393	HW_Loin_4
224	51.6	5.8	777	14	AG530534	AG530534	Mus muscu
225	51.6	5.8	821	5	CG500905	CG500905	FGAS00942
226	51.6	5.8	1172	5	CD522668	CD522668	AGENCOURT
227	51.6	5.8	318	9	DN405833	DN405833	LIB4006-0
228	51.6	5.8	323	4	CB052652	CB052652	NISC_g109
229	51.6	5.8	367	8	CK996496	CK996496	ip06g02.b
230	51.6	5.8	392	7	BE638645	BE638645	946012B05
231	51.4	5.8	399	7	AM088521	AM088521	xd10c12.x
232	51.4	5.8	447	2	BI539040	BI539040	451175 MA
233	51.4	5.8	449	14	CNS03DAK	AL238853	Tetraodon
234	51.4	5.8	451	9	DN911956	DN911956	MCF7RNAJ1

111	41.6	4.7	2700	7	US-11-315-766-23	Sequence 23, Appl
112	41.6	4.7	4235	7	US-11-301-554-317	Sequence 317, App
C 113	41.4	4.6	414	6	US-10-511-937-497	Sequence 497, App
114	41.4	4.6	617	6	US-10-953-349-31813	Sequence 31813, A
C 115	41.4	4.6	659	6	US-10-953-349-37474	Sequence 37474, A
116	41.4	4.6	1273	6	US-10-953-349-30838	Sequence 30838, A
C 117	41.4	4.6	1456	6	US-10-953-349-30078	Sequence 30078, A
118	41.4	4.6	1915	7	US-11-145-307A-193	Sequence 193, App
119	41.4	4.6	2040	6	US-10-953-349-37996	Sequence 37996, A
120	41.4	4.6	2230	6	US-10-511-937-354	Sequence 354, App
121	41.4	4.6	2530	7	US-11-145-307A-70	Sequence 70, Appl
122	41.4	4.6	2821	7	US-11-301-554-1669	Sequence 1669, Ap
124	41.4	4.6	3265	7	US-11-101-316-69	Sequence 69, Appl
125	41.4	4.6	3334	7	US-11-101-316-57	Sequence 57, Appl
126	41.4	4.6	3702	6	US-10-505-928-348	Sequence 348, App
127	41.4	4.6	4740	6	US-10-511-937-380	Sequence 380, App
128	41.2	4.6	431	6	US-10-488-619-1226	Sequence 1226, Ap
130	41.2	4.6	1041	6	US-10-953-349-21384	Sequence 21384, A
131	41.2	4.6	1089	1	US-09-949-925-57	Sequence 57, Appl
132	41.2	4.6	1191	6	US-10-953-349-36755	Sequence 36755, A
134	41.2	4.6	1734	7	US-11-101-316-51	Sequence 51, Appl
135	41.2	4.6	1837	7	US-11-313-836-46	Sequence 46, Appl
136	41.2	4.6	2030	7	US-11-315-766-27	Sequence 27, Appl
138	41.2	4.6	2150	6	US-10-505-928-260	Sequence 260, App
140	41.2	4.6	2331	7	US-11-296-092-54	Sequence 54, Appl
142	41.2	4.6	2445	6	US-10-505-928-777	Sequence 777, App
C 143	41	4.6	478	6	US-10-488-619-1278	Sequence 1278, Ap
144	41	4.6	728	6	US-10-488-619-1172	Sequence 1172, Ap
145	41	4.6	780	6	US-10-953-349-36666	Sequence 36666, A
146	41	4.6	1379	6	US-10-511-937-506	Sequence 506, App
147	41	4.6	1435	6	US-10-953-349-38288	Sequence 38288, A
148	41	4.6	1516	6	US-10-505-928-579	Sequence 579, App
149	41	4.6	1841	6	US-10-511-937-2882	Sequence 2882, Ap
150	41	4.6	1842	6	US-10-953-349-32324	Sequence 32324, A
C 152	40.8	4.6	499	7	US-11-249-305-9	Sequence 9, Appli
153	40.8	4.6	499	7	US-11-249-305-10	Sequence 10, Appl
C 154	40.8	4.6	499	7	US-11-249-305-11	Sequence 11, Appl
C 155	40.8	4.6	499	7	US-11-249-305-12	Sequence 12, Appl
C 156	40.8	4.6	560	6	US-10-953-349-37522	Sequence 37522, A
157	40.8	4.6	1029	7	US-11-321-421-11	Sequence 11, Appl
158	40.8	4.6	1294	7	US-11-297-134-3	Sequence 3, Appli
160	40.8	4.6	1771	7	US-11-296-092-36	Sequence 36, Appl
161	40.8	4.6	1931	1	US-09-949-925-78	Sequence 78, Appl
162	40.8	4.6	1932	1	US-09-949-925-12	Sequence 12, Appl
163	40.8	4.6	2046	7	US-11-315-766-5	Sequence 5, Appli
164	40.8	4.6	2379	6	US-10-370-959-75	Sequence 75, Appl
165	40.8	4.6	3116	6	US-10-511-937-589	Sequence 589, App
167	40.6	4.5	1280	6	US-10-953-349-27410	Sequence 27410, A
168	40.6	4.5	1299	7	US-11-134-445-19	Sequence 19, Appl
169	40.6	4.5	1309	7	US-11-134-445-29	Sequence 29, Appl
170	40.6	4.5	1582	7	US-11-222-810-10	Sequence 10, Appl
171	40.6	4.5	1582	7	US-11-222-810-12	Sequence 12, Appl
172	40.6	4.5	1772	1	US-09-949-925-58	Sequence 58, Appl
173	40.6	4.5	1989	7	US-11-145-307A-66	Sequence 66, Appl
174	40.6	4.5	2023	6	US-10-953-349-31793	Sequence 31793, A
175	40.6	4.5	2163	6	US-10-953-349-37514	Sequence 37514, A
176	40.6	4.5	2229	7	US-11-293-697-1081	Sequence 1081, Ap
177	40.6	4.5	2572	1	US-09-949-925-36	Sequence 36, Appl
178	40.6	4.5	2609	7	US-11-246-999-11	Sequence 11, Appl
179	40.6	4.5	2861	6	US-10-953-349-7328	Sequence 7328, Ap
C 180	40.4	4.5	359	6	US-10-511-937-634	Sequence 634, App
181	40.4	4.5	430	6	US-10-488-619-3006	Sequence 3006, Ap
C 182	40.4	4.5	683	6	US-10-953-349-37407	Sequence 37407, A
183	40.4	4.5	786	1	US-09-949-925-42	Sequence 42, Appl
184	40.4	4.5	849	6	US-10-953-349-28437	Sequence 28437, A
185	40.4	4.5	1478	7	US-11-321-421-7	Sequence 7, Appli
186	40.4	4.5	1550	6	US-10-524-648-31	Sequence 31, Appl
187	40.4	4.5	1596	7	US-11-313-836-40	Sequence 40, Appl
C 189	40.4	4.5	1658	7	US-11-101-316-59	Sequence 59, Appl
190	40.4	4.5	1696	6	US-10-953-349-11762	Sequence 11762, A
191	40.4	4.5	1921	6	US-10-953-349-9882	Sequence 9882, Ap
192	40.4	4.5	3366	7	US-11-333-838-2	Sequence 2, Appli
193	40.2	4.5	129	6	US-10-488-619-2835	Sequence 2835, Ap
194	40.2	4.5	762	6	US-10-953-349-30826	Sequence 30826, A
195	40.2	4.5	1178	6	US-10-953-349-10192	Sequence 10192, A
196	40.2	4.5	1203	6	US-10-953-349-36627	Sequence 36627, A
197	40.2	4.5	1303	6	US-10-953-349-38307	Sequence 38307, A
199	40.2	4.5	1672	7	US-11-101-316-17	Sequence 17, Appl
200	40.2	4.5	1993	6	US-10-953-349-26642	Sequence 26642, A
201	40.2	4.5	2116	7	US-11-258-360-3	Sequence 3, Appli
202	40.2	4.5	2226	6	US-10-560-723-84	Sequence 84, Appl
203	40.2	4.5	2272	6	US-10-953-349-37381	Sequence 37381, A
204	40.2	4.5	2279	7	US-11-208-544-3	Sequence 3, Appli
205	40.2	4.5	2335	7	US-11-293-697-1872	Sequence 1872, Ap
C 206	40.2	4.5	2491	7	US-11-293-697-242	Sequence 242, App
208	40.2	4.5	2846	7	US-11-101-316-37	Sequence 37, Appl
209	40.2	4.5	4670	7	US-11-145-307A-29	Sequence 29, Appl
210	40	4.5	687	7	US-11-242-317-38	Sequence 38, Appl
211	40	4.5	738	6	US-10-953-349-25855	Sequence 25855, A
212	40	4.5	863	7	US-11-313-836-37	Sequence 37, Appl
213	40	4.5	1068	1	US-10-953-349-30920	Sequence 30920, A
214	40	4.5	1162	6	US-10-505-928-508	Sequence 508, App
215	40	4.5	1168	6	US-10-505-928-508	Sequence 26660, A
216	40	4.5	1489	6	US-10-953-349-26660	Sequence 3, Appli
217	40	4.5	1788	7	US-11-315-766-3	Sequence 2009, Ap
218	40	4.5	1802	7	US-11-293-697-2009	Sequence 16, Appl
219	40	4.5	1946	7	US-11-264-737-16	Sequence 371, App
220	40	4.5	1946	7	US-11-265-761-371	Sequence 758, App
221	40	4.5	1999	6	US-10-505-928-758	Sequence 14571, A
222	40	4.5	2021	6	US-10-953-349-14571	Sequence 57, Appl
223	40	4.5	2405	7	US-11-258-767-57	Sequence 4, Appli
224	40	4.5	2901	7	US-11-303-935-4	Sequence 8124, Ap
225	40	4.5	3331	6	US-10-953-349-8124	Sequence 730, App
226	40	4.5	3851	6	US-10-505-928-730	Sequence 222, App
C 227	40	4.5	4688	7	US-11-293-697-222	Sequence 144, App
228	39.8	4.5	581	6	US-10-525-126-144	Sequence 55, Appl
230	39.8	4.5	644	7	US-11-101-316-55	Sequence 37649, A
232	39.8	4.5	1041	6	US-10-953-349-37649	Sequence 9993, Ap
233	39.8	4.5	1485	6	US-10-953-349-9993	Sequence 31, Appl
234	39.8	4.5	1790	7	US-11-296-092-31	Sequence 26191, A
235	39.8	4.5	1896	6	US-10-953-349-26191	Sequence 441, App
C 236	39.8	4.5	2374	7	US-11-293-697-441	Sequence 48, Appl
237	39.8	4.5	2393	7	US-11-313-836-48	Sequence 37222, A
238	39.8	4.5	2439	6	US-10-953-349-37222	Sequence 17, Appl
240	39.8	4.5	2479	7	US-11-315-766-17	Sequence 1, Appli
241	39.8	4.5	3053	7	US-11-247-437-1	Sequence 375, App
C 242	39.6	4.4	581	6	US-10-473-173-375	Sequence 36144, A
243	39.6	4.4	807	6	US-10-953-349-36144	Sequence 9114, Ap
244	39.6	4.4	935	6	US-10-953-349-9114	Sequence 28954, A
245	39.6	4.4	1236	6	US-10-953-349-28954	Sequence 9674, Ap
246	39.6	4.4	1340	6	US-10-953-349-9674	Sequence 19, Appl
248	39.6	4.4	1508	7	US-11-101-316-19	Sequence 13, Appl
250	39.6	4.4	1827	1	US-09-949-925-13	Sequence 2225, Ap
C 251	39.6	4.4	2005	7	US-11-293-697-2225	Sequence 1897, Ap
252	39.6	4.4	2007	7	US-11-293-697-1897	Sequence 771, App
253	39.6	4.4	2180	6	US-10-505-928-771	Sequence 1192, Ap
254	39.6	4.4	2226	7	US-11-293-697-1192	Sequence 17, Appl
255	39.6	4.4	2319	7	US-11-311-555-17	Sequence 17, Appl
256	39.6	4.4	2319	7	US-11-311-561-17	Sequence 764, App
257	39.6	4.4	2351	7	US-11-293-697-764	Sequence 33, Appl
259	39.6	4.4	2773	7	US-11-101-316-33	Sequence 1801, Ap
260	39.6	4.4	4086	7	US-11-301-554-1801	Sequence 23, Appl
261	39.4	4.4	198	7	US-11-242-317-23	Sequence 2254, Ap
262	39.4	4.4	451	6	US-10-488-619-2254	Sequence 1277, Ap
C 263	39.4	4.4	473	6	US-10-488-619-1277	Sequence 2890, Ap
C 264	39.4	4.4	575	6	US-10-511-937-2890	Sequence 172, App
265	39.4	4.4	942	7	US-11-145-307A-172	Sequence 10307, A
266	39.4	4.4	1292	6	US-10-953-349-10307	Sequence 36658, A
267	39.4	4.4	1315	6	US-10-953-349-36658	Sequence 18728, A
268	39.4	4.4	1348	6	US-10-953-349-18728	Sequence 38939, A
269	39.4	4.4	1560	6	US-10-953-349-38939	Sequence 27, Appl
270	39.4	4.4	1764	7	US-11-312-958-27	Sequence 149, App
272	39.4	4.4	2537	6	US-10-505-928-149	Sequence 170, App
273	39.4	4.4	3726	7	US-11-145-307A-170	Sequence 64, Appl
274	39.4	4.4	11889	7	US-11-189-279-64	Sequence 1326, Ap
C 275	39.2	4.4	111	6	US-10-488-619-1326	